



SCI-600-WB B

SECTION 1. IDENTIFICATION

Product identifier	SCI-600-WB B
Other Means of Identification	None
Recommended Use	Isocyanate (Water-based urethane hardener)
Restrictions on Use	Unknown
Supplier Identifier	SEALCHEM INDUSTRIES INC. 2821 Boul. Le Corbusier Laval, Quebec Canada H7L 4J5 Web: www.sealchem.com
Emergency Phone No.	24-Hour Emergency Telephone Number Canada (CANUTEC) : (613) 996-6666

SECTION 2. HAZARD IDENTIFICATION

Classification	Acute Toxicity, Inhalation-mist Category 4 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 1 Skin Sensitization Category 1 Specific target organ toxicity-single exposure Category 3- respiratory tract irritation Hazardous to the aquatic environment, chronic Category 3
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Label Elements



Signal Word

Danger

Hazard Statements

H332: Harmful if inhaled.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.
H412: Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention:

P260 Do not breathe dust/fume/gas/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.



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P312 Call a POISON CENTER/doctor if you feel unwell. P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. P362 +P364 Take off contaminated clothing and wash before reuse. P273 Avoid release to the environment. P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other Hazards: Unknown

SECTION 3. COMPOSITION

Chemical Name	CAS No.	% concentration
Hexamethylene diisocyanate oligomers, isocyanurate	28182-81-2	90 - 95%
Polyoxyethylene tridecyl ether phosphate	9046-01-9	1 - 5 %
ethyl-diisopropylamine	7087-68-5	1 - 5 %
Phosphoric acid, butyl ester	12788-93-1	1 - 5 %
Hexamethylene-di-isocyanate	822-06-0	< 0.5 %

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation:

IF INHALED: Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

Skin Contact:

Flush with soap and water for a minimum of 15 minutes. Consult a physician if irritation persists or you feel unwell.

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

Ingestion:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled:

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

If on skin:

Harmful if in contact with the skin. Causes skin irritation. Exposure may produce an allergic reaction

If in eyes:

Causes serious eye damage.

If Ingested:

Ingestion is likely to be harmful or have adverse effects

Immediate Medical Attention and Special Treatment:

Special Instructions:

If a physician or medical attention is required, have product container or label at hand.

SECTION 5. FIRE-FIGHTING MEASURES



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Extinguishing Media

Suitable Extinguishing Media

In case of fire: dry powder, carbon dioxide, foam.

Unsuitable Extinguishing Media

water

Specific Hazards Arising from the Product

Combustible. During combustion toxic vapors are released.

Special Protective Equipment and Precautions for Fire-fighters

Self-contained breathing apparatus and turn-out gear must be worn in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Clear area. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

Methods and Materials for Containment and Clean up

Absorb isocyanates with suitable absorbent material. Shovel into open container. Do not make container pressure tight. Move container to a well-ventilated area (outside). Spill area can be decontaminated with the following recommended decontamination solution: Mixture of 90% water, 8% concentrated ammonia, 2% detergent. Add at a 10 to 1 ratio. Allow to stand for at least 48 hours to allow escape of evolved carbon dioxide.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Provide suitable exhaust ventilation at the processing machines. Ensure thorough ventilation of stores and work areas. Avoid aerosol formation. When handling heated product, vapours of the product should be ventilated and respiratory protection used. Wear respiratory protection when spraying. Danger of bursting when sealed gastight. Protect against moisture. If bulging of drum occurs, transfer to well-ventilated area, puncture to relieve pressure, open vent and let stand for 48 hours before resealing.

Conditions for Safe Storage

Keep away from water. Segregate from foods and animal feeds. Segregate from foods and animal feeds. Segregate from acids and bases. Segregate from bases. Formation of CO₂ and build-up of pressure possible. Keep container tightly closed and in a well-ventilated place. Outage of containers should be filled with dry inert gas at atmospheric pressure to avoid reaction with moisture.



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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Exposure limits:

CAS 822-06-0

REL : Long term value : 0.035 mg/m³, 0.005 ppm

Ceiling limit value: 0.14* mg/m³, 0.02* ppm * 10 min

TLV : Long term value : 0.034 mg/m³, 0.005 ppm

TLV (ACGIH): 0.005 ppm

Data not available. For additional information, please consult the corresponding requirements under <http://www.ccohs.ca/topics/hazards/chemical/chemicals/>

Chemical Name	ACGIH® TLV®		OSHA PEL		AIHA® WEEL®	
	TWA	STEL [C]	TWA	Ceiling	8-hr TWA	Short-term

Appropriate Engineering Controls

Local exhaust ventilation required. Make up air should be supplied to balance air that is removed by local or general exhaust ventilation. Provide sufficient ventilation to keep vapors below permissible exposure limit. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national / local regulations are observed.

Individual Protection Measures



General Measures

Do not eat, drink or smoke during work. Avoid all contact with skin or eye. If clothing comes into contact with material, do not allow out of the workplace. Clean hands and any exposed skin thoroughly after work and before breaks.

Eye / Face Protection

Use tightly sealed goggles or safety glasses with side shields which are resistant to Chemicals.

Skin Protection

Wear chemical resistant protection gloves. Wear impervious clothing as necessary to protect against coming in contact with product.

Respiratory Protection

If insufficient ventilation, wear respiratory protection.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow Liquid
Odor	Faint
Odor threshold	Not available
pH	Not available
Melting Point	Not available
Initial Boiling Point / Range	Not available
Flash point	>106



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Evaporation rate	Not available
Flammability(solid; gas)	Not available
Lower flammable/explosive limit	Not available
Upper flammable/explosive limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	Not available
Solubility	Dispersible
Partition coefficient – n- Octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Non-reactive
Chemical stability	Stable under recommended handling and storage conditions
Possibility of Hazardous reactions	Reacts with alcohols, amines, bases, protic solvents, water and aqueous solutions, with a great release of CO ₂ , and hence a risk of a pressure build-up in confined areas, and forms an insoluble solid precipitate.
Conditions to avoid	Extreme heat. Open flame. Moisture. Static electricity. Ignition sources.
Incompatible materials	No data
Hazardous decomposition products	toxic gases, carbon oxides, nitrogen oxides.

SECTION 11. TOXICOLOGY INFORMATION

Likely Routes of Administration

Inhalation, skin contact, eye contact, ingestion.

Acute Toxicity

Oral: Harmful if swallowed.

Dermal: Harmful in contact with skin.

LD50 and LC50 Data

Not available

Skin Corrosion/Irritation

Causes skin irritation.

Serious Eye Damage/ Irritation

Causes serious eye damage

STOT (Specific Target Organ Toxicity) – Single Exposure Inhalation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Aspiration Hazard

Not classified based on available data.

STOT(Specific Target Organ Toxicity) – Repeated Exposure



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Skin, eyes, central nervous system, respiratory system

Respiratory and/or Skin Sensitization

May irritate mucous membranes, eyes, nose, and respiratory passages. May cause asthma attack to persons with pre-existing bronchial hyper reactivity. Exposure to high concentrations may lead to bronchitis, bronchial spasm and pulmonary oedema. Effects are usually reversible. May cause C.N.S. depression with symptoms of nausea, light-headedness, drowsiness, dizziness, loss of coordination

Carcinogenicity

Unknown

Chemical Name	IARC	ACGIH®	NTP	OSHA

Reproductive Toxicity

Not available

Germ Cell Mutagenicity

Not available

Interactive Effects

Not available

SECTION 12. ECOLOGICAL INFORMATION

There is a high probability that the product is not acutely harmful to aquatic organisms.
This is not required by WHMIS
This is not required by OSHA HCS 2012

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Incinerate or dispose of in a licensed facility. Do not discharge substance/product into sewer system.

SECTION 14. TRANSPORT INFORMATION

UN Number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations:

Not classified as a dangerous good under transport regulations.

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime):

Not classified as a dangerous good under transport regulations.

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air):

Not classified as a dangerous good under transport regulations.

SECTION 15. REGULATORY INFORMATION

Refer to section 2 & 3

SECTION 16. OTHER INFORMATION

Product Identifier: SCI-600-WB B

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Date of Preparation: August 2020



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Date of Preparation	August 2020
Date of Last Revision	June 1, 2014
Revision Indicators	The entire MSDS was change in August 2020 to be in accordance with the WHMIS 2015 which incorporates the Globally Harmonized System of Classification and Labeling of Chemicals for Canadian Workplaces.
References	<ol style="list-style-type: none">1. CHOHS Fact Sheets September 2016 ©CCOHS 20162. Supplier's Material Safety Data Sheet(s)

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